| Ref        | Hits | Search Query  | DBs  | Default  | Plurals | Time Stamp       |
|------------|------|---|--|----------|---------|------------------|
| #          |      |   |  | Operator |         |                  |
| Li         | 0 :  | "5212764".pn. and unwanted  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ON      | 2005/10/28 09:41 |
| L2         | 1    | "5212764".pn. and uns9  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ON      | 2005/10/28 10:30 |
| L3         |      | "5212764".pn. and high\$pass  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ON      | 2005/10/28 10:30 |
| L4         |      | "5212764".pn. and high\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ON      | 2005/10/28 10:30 |
| L5         | 1    | "5212764".pn. and low\$   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ON      | 2005/10/28 10:30 |
| S1         | 2419 | (381/312,60,92,122,111-115,355,369).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>, IBM_TDB | OR       | OFF     | 2004/08/09 13:08 |
| S2         | 34   | ((381/312,60,92,122,111-115,355,369).CCLS.) and sigma adj delta   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ON      | 2004/08/09 14:22 |
| 53         | 25   | ((381/312,60,92,122,111-115,355,369).CCLS.) and sigma adj delta and filter and (amp or amplifier)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ON      | 2004/08/09 14:41 |
| 54         | 133  | ((381/312,60,92,122,111-115,355,369).CCLS.) and ("A/D" or AD) and filter and (amp or amplifier)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ON      | 2004/08/09 14:42 |
| S5         | 17   | ((381/312,60,92,122,111-115,355,369).CCLS.) and ("A/D" or AD) with filter with (amp or amplifier)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ON      | 2004/08/09 14:46 |
| S6         | 2    | ((381/312,60,92,122,111-115,355,369).CCLS.) and ("A/D" or AD) with (high near3 filter) with (amp or amplifier)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ON      | 2004/08/09 14:48 |
| <b>S</b> 7 | 4    | ((381/312,60,92,122,111-115,355,369).CCLS.) and ("A/D" or AD) with ((high or band) with pass with filter) with (amp or amplifier) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ОИ      | 2004/08/09 14:49 |
| S8         | 8    | ("3681756"   "3816664"   "4624012"   "4890325"   "4910780"   "5276739"   "5305420"   "5341432").PN.                               | USPAT  | OR       | ON      | 2004/08/09 14:50 |
| S9         | 17   | "5717818".URPN.   | USPAT  | OR       | ON      | 2004/08/09 14:50 |
| S10        | 2    | ("6,218,930").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR       | OFF     | 2004/08/10 08:34 |
| S11        | 2    | ("6218930").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR       | OFF     | 2004/08/10 09:18 |
| S12        | 0    | "2031214 <b>7"</b>  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ОИ      | 2004/08/10 09:18 |
| S13        | 20   | yamamoto.in, and speaker with magnet  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB           | OR       | ON      | 2004/08/10 09:19 |

| C14 | 165467 | (amanata in   | He benie   | 00 | ON  | 2004/09/12 00:55 |
|-----|--------|---|--|----|-----|------------------|
| S14 | 165462 | yamamoto.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2004/08/10 09:20 |
| 515 | 10     | "2031247"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2004/08/11 10:15 |
| S16 | 0      | "5276739".pn. and sigma   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2004/08/11 10:15 |
| S17 | 0      | *5276739*.pn. and delta   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2004/08/11 10:37 |
| S18 | 0      | "57996848" and integrated                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2004/08/11 10:39 |
| S19 | 0      | "57996848" and ic   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2004/08/11 10:39 |
| 522 | 1655   | (330/10,251,207A).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/01/06 14:15 |
| 523 | 0      | S22 and sigma\$delta adj modulator with high%pass adj filter    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/01/06 14:15 |
| 524 | 0      | S22 and sigma adj delta adj modulator with high%pass adj filter | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/01/06 14:16 |
| S25 | 36     | S22 and sigma adj delta adj modulator                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/01/06 14:33 |
| S26 | 4      | S25 and high adj pass   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/01/06 14:22 |
| S27 | 7      | S25 and band adj pass   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/01/06 14:22 |
| S28 | 26     | S22 and sigma\$delta adj modulator                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/01/06 14:33 |
| 529 | 5      | (S25 S28) and (high or band) adj pass adj filter .              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/01/06 14:35 |
| S30 | 4      | ("2230500").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/01/07 09:18 |
| 531 | 2      | ("6108876").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/01/07 09:18 |
| S32 | 2      | ("6107876").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/01/07 09:43 |

| S33 | 180 | "381".clas. and (deltassigma A/D) near4 filter                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 14:38 |
|-----|-----|---|--|----|-----|------------------|
| S34 | 29  | "381".clas. and (delta\$sigma A/D) near4 filter near6 amplifier                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 14:56 |
| S35 | 0   | "381".clas. and (delta\$sigma A/D) near7 (filter cancel) near3 low\$frequenc\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 15:05 |
| S36 | 5   | "381".clas. and (delta\$sigma A/D) near7 high\$pass                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 15:11 |
| S37 | 51  | "381".clas. and (delta\$sigma A/D) near7 low\$pass                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 15:14 |
| 538 | 19  | "381".clas. and (delta\$sigma A/D) near7 DC                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 15:20 |
| 539 | 37  | "381".clas. and (delta\$sigma A/D) and DC near4 (block remov\$4)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 15:24 |
| S40 | 36  | S39 not S38   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 15:21 |
| 541 | 2   | "381".clas. and (delta\$sigma A/D) with DC near4 (block remov\$4)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 17:06 |
| S42 | 5   | "381".clas. and (delta\$sigma A/D) with DC near4 (block\$3 remov\$4)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 15:33 |
| S43 | 290 | (delta\$sigma A/D) with DC near4 (block\$3 remov\$4)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 15:34 |
| S44 | 49  | (delta\$sigma A/D) with DC with high\$pass adj filter                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 16:00 |
| S45 | 148 | (delta\$sigma A/D) with DC near (remov\$4 block)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 16:03 |
| 546 | 25  | (delta\$sigma A/D) with DC near (remov\$4 block) and audio                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 16:20 |
| S47 | 2   | ("5757299").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2005/10/27 16:20 |
| 548 | 37  | "381".clas. and (delta\$sigma A/D) with band\$pass adj filter                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 17:19 |
| S49 | 277 | "381".clas. and (delta\$sigma A/D) near7 filter .                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2005/10/27 17:19 |

| S50 | . 42 | "381".clas. and (delta\$sigma A/D) near7 filter and unwanted       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/10/27 17:19 |
|-----|------|--|--|----|----|------------------|
| S51 | 0    | "381".clas. and (delta\$sigma A/D) near7 filter with unwanted      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/10/27 17:20 |
| S52 | 13   | "381".clas, and (deltassigma A/D) near7 filter with (remove block) | US-PGPUB;<br>USPAT;<br>EPO; IPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2005/10/28 09:41 |